

Applicant: Duchon et al.  
Serial No.: 10/726,433  
Group Art Unit: 3743

**PATENT**  
Docket No.: 20144-500

### AMENDMENTS TO THE CLAIMS

Please amend claims 1, 10, 19, 36, 44, 51-53, 57, 60-61, and 67 as set forth below.

Please cancel claims 5, 40, 54, 56, 59 and 66 as set forth below.

### LISTING OF CLAIMS

1. (Currently Amended) A method of changing a gynecological condition of a female comprising:

evaluating the condition of a uterus of said female;

introducing a presterilized implant into said uterus with a delivery tool;

contacting said implant with uterine tissue so as to induce a tissue response in said uterus;

detaching said implant from said delivery tool;

maintaining contact between said implant and said uterine tissue ~~for at least until walls of said uterus adhere together and cause so long that said tissue response causes~~ a changed gynecological condition in said female.

2. (Original) A method according to claim 1, wherein the contact between said implant and said uterine tissue is maintained at least until adhesions are formed in said uterus.

3. (Original) A method according to claim 1, wherein the contact between said implant and said uterine tissue is maintained at least until contraception in said uterus is achieved.

4. (Original) A method according to claim 1, wherein the contact between said implant and said uterine tissue is maintained at least until menorrhagia has been substantially eliminated in said female.

5. (Canceled)

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6. (Original) A method according to claim 1, wherein said presterilized implant is coated with an adhesion inducing substance.
7. (Previously Presented) A method according to claim 1, wherein said presterilized implant is coated with a biologic coating prior to introducing said implant into said uterus.
8. (Original) A method according to claim 1, wherein said presterilized implant is formulated at least in part from polyester prior to its introduction into said uterus.
9. (Previously Presented) A method according to claim 1, wherein said presterilized implant is introduced through a delivery tool that comprises a catheter.
10. (Currently Amended) An implant for changing the gynecological state of a female comprising:
  - a self-contained presterilized substance disconnectable from a delivery tool;
  - said self-contained substance configured for causing a tissue response in uterine tissue; and,
  - said self-contained substance sized and shaped for sufficiently contacting uterine tissue such that uterine walls of said uterine tissue adhere together and thereby cause said tissue response causes a gynecological change in said female.
11. (Previously Presented) An implant according to claim 10, wherein said self-contained presterilized substance is a mesh material.
12. (Previously Presented) An implant according to claim 10, wherein said self-contained presterilized substance is a polyester material.
13. (Previously Presented) An implant according to claim 10, wherein said self-contained presterilized substance is coated with an adhesion inducing substance.

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14. (Previously Presented) An implant according to claim 10, wherein said self-contained presterilized substance includes a frame, at least a portion of which is covered by a mesh material.
15. (Original) An implant according to claim 14, wherein said mesh material is comprised substantially of polyester.
16. (Original) An implant according to claim 15, wherein said frame includes a plurality of linear extensions, at least two of such extensions sized and shaped to extend across a uterine wall.
17. (Original) An implant according to claim 16, wherein said at least two extensions are movable between a collapsible and a deployed position.
18. (Original) An implant according to claim 10, wherein said substance is sized and shaped so as to eliminate menorrhagia.
19. (Currently Amended) An implant according to claim 10, wherein said substance is sized and shaped so as to further cause contraception in said uterus.
20. (Previously Presented) A method of changing a gynecological condition of a female comprising:
- evaluating the condition of a uterus of said female;
  - introducing a presterilized implant into said uterus;
  - contacting said implant with uterine tissue so as to induce a tissue response in said uterus;
  - maintaining contact between said implant and said uterine tissue at least until adhesions are formed in said uterus, said adhesions causing a changed gynecological condition in said female.
21. (Previously Presented) A method according to claim 20, wherein the changed gynecological condition is contraception.
22. (Previously Presented) A method according to claim 20, wherein the changed gynecological condition is substantial elimination of menorrhagia.

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23. (Previously Presented) A method according to claim 20, wherein formation of said adhesions includes causing walls of said uterus to adhere together.
24. (Previously Presented) A method according to claim 20, wherein said presterilized implant is coated with an adhesion inducing substance.
25. (Previously Presented) A method according to claim 20, wherein said presterilized implant is coated with a biologic coating prior to introducing said implant into said uterus.
26. (Previously Presented) A method according to claim 20, wherein said presterilized implant is formulated at least in part from polyester prior to its introduction into said uterus.
27. (Previously Presented) A method according to claim 20, wherein said presterilized implant is introduced through a catheter.
28. (Previously Presented) A method of changing a gynecological condition of a female comprising:
- evaluating the condition of a uterus of said female;
  - introducing a presterilized implant into said uterus;
  - contacting said implant with uterine tissue so as to induce a tissue response in said uterus;
  - maintaining contact between said implant and said uterine tissue at least until walls of said uterus adhere together, said adhering of said walls causing a changed gynecological condition in said female.
29. (Previously Presented) A method according to claim 28, wherein the adhering of said walls includes the formation of adhesions in said uterus.
30. (Previously Presented) A method according to claim 28, wherein the changed gynecological condition includes contraception.
31. (Previously Presented) A method according to claim 28, wherein the changed gynecological condition includes the substantial elimination of menorragia.

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32. (Previously Presented) A method according to claim 28, wherein said presterilized implant is coated with an adhesion inducing substance.

33. (Previously Presented) A method according to claim 28, wherein said presterilized implant is coated with a biologic coating prior to introducing said implant into said uterus.

34. (Previously Presented) A method according to claim 28, wherein said presterilized implant is formulated at least in part from polyester prior to its introduction into said uterus.

35. (Previously Presented) A method according to claim 28, wherein said presterilized implant is introduced through a catheter.

36. (Currently Amended) A method of changing a gynecological condition of a female comprising:

evaluating the condition of a uterus of said female;

formulating a presterilized implant at least in part from polyester;

introducing said presterilized implant into said uterus;

contacting said implant with uterine tissue so as to induce a tissue response in said uterus;

maintaining contact between said implant and said uterine tissue for at least until walls of said uterus adhere together ~~so long that said tissue response causes and cause~~ a changed gynecological condition in said female.

37. (Previously Presented) A method according to claim 36, wherein the contact between said implant and said uterine tissue is maintained at least until adhesions are formed in said uterus.

38. (Previously Presented) A method according to claim 36, wherein the contact between said implant and said uterine tissue is maintained at least until contraception in said uterus is achieved.

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39. (Previously Presented) A method according to claim 36, wherein the contact between said implant and said uterine tissue is maintained at least until menorrhagia has been substantially eliminated in said female.

40. (Canceled)

41. (Previously Presented) A method according to claim 36, wherein said presterilized implant is coated with an adhesion inducing substance.

42. (Previously Presented) A method according to claim 36, wherein said presterilized implant is coated with a biologic coating prior to introducing said implant into said uterus.

43. (Previously Presented) A method according to claim 36, wherein said presterilized implant is introduced through a catheter.

44. (Currently Amended) An implant for changing the gynecological state of a female comprising:

a presterilized substance in the form of a mesh material;

said substance configured for causing a tissue response in uterine tissue;

and,

said substance sized and shaped for sufficiently contacting uterine tissue such that walls of said uterine tissue adhere together and thereby cause said tissue response causes a gynecological change in said female.

45. (Previously Presented) An implant according to claim 44, wherein said presterilized substance is a polyester mesh material.

46. (Previously Presented) An implant according to claim 44, wherein said presterilized substance is coated with an adhesion inducing substance.

47. (Previously Presented) An implant according to claim 44, wherein said presterilized substance includes a frame, at least a portion of which is covered by said mesh material.

48. (Previously Presented) An implant according to claim 44, wherein said mesh material is comprised substantially of polyester.

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49. (Previously Presented) An implant according to claim 47, wherein said frame includes a plurality of linear extensions, at least two of such extensions sized and shaped to extend across a uterine wall.

50. (Previously Presented) An implant according to claim 49, wherein said at least two extensions are movable between a collapsible and a deployed position.

51. (Currently Amended) An implant according to claim 44, wherein said presterilized substance is sized and shaped so as to further cause the elimination of eliminate menorrhagia.

52. (Currently Amended) An implant according to claim 44, wherein said presterilized substance is sized and shaped so as to further cause contraception in said uterus.

53. (Currently Amended) An implant for changing the gynecological state of a female comprising:

a presterilized substance comprised of a frame at least partially covered by a ~~comprised of~~ polyester mesh material;

said substance configured for causing a tissue response in uterine tissue; and,

said substance sized and shaped for sufficiently contacting uterine tissue such that menorrhagia is eliminated ~~said tissue response causes a gynecological change~~ in said female.

54. (Canceled)

55. (Previously Presented) An implant according to claim 53, wherein said presterilized substance is coated with an adhesion inducing substance.

56. (Canceled)

57. (Currently Amended) An implant according to claim 53 ~~56~~, wherein said frame includes a plurality of linear extensions, at least two of such extensions sized and shaped to extend across a uterine wall.

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58. (Previously Presented) An implant according to claim 57, wherein said at least two extensions are movable between a collapsible and a deployed position.

59. (Canceled)

60. (Currently Amended) An implant according to claim 53 ~~56~~, wherein said substance is sized and shaped so as to further cause contraception in said uterus.

61. (Currently Amended) An implant for changing the gynecological state of a female comprising:

a presterilized substance having a frame, at least a portion of which is covered by a mesh material.;

said substance configured for causing a tissue response in uterine tissue; and,

said substance sized and shaped for sufficiently contacting uterine tissue such that menorrhagia is eliminated in said tissue response causes a gynecological change in said female.

62. (Previously Presented) An implant according to claim 61, wherein said mesh material is a polyester material.

63. (Previously Presented) An implant according to claim 61, wherein said presterilized substance is coated with an adhesion inducing substance.

64. (Previously Presented) An implant according to claim 61, wherein said frame includes a plurality of linear extensions, at least two of such extensions sized and shaped to extend across a uterine wall.

65. (Previously Presented) An implant according to claim 64, wherein said at least two extensions are movable between a collapsible and a deployed position.

66. (Canceled)

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67. (Currently Amended) An implant according to claim 61, wherein said substance is sized and shaped so as to further cause contraception in said uterus.

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